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Docket No. F1S9-2001-0168US1

Declaration and Power of Attorney For Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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	is attached here!						
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j	and was amende	ed on					
			(if applicable)				
=			rstand the contents of the above indment referred to above.	dentified specification,			
	I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.						
		•					
	Section 1.56. I hereby claim fore Section 365(b) of a any PCT Internation listed below and have	e material to patentability sign priority benefits under any foreign application(s) hal application which design we also identified below, be or PCT International app		Federal Regulations, Section 119(a)-(d) or, or Section 365(a) of than the United States, pplication for patent or			
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United States or PCT Internationa J.S.C. Section 112, I acknowledgo Office all information known to mage availated	ach of the claims of this ap I application in the manner e the duty to disclose to the e to be material to patental ple between the filing date of	pplication is not disclosed in the pri provided by the first paragraph of 3 United States Patent and Tradema pility as defined in Title 37, C. F. F
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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number) Joseph P. Abate, Registration No. 30,328; Jesse L. Abzug, Registration No. 31,316 Jay H. Anderson, Registration No. 38,371; Eugene I. Shkurko, Registration No. 36,678 Harold Huberfeld, Registration No. 26,665 Ira D. Blecker, Registration No. 29,894; Steven Capella, Registration No. 33,086; Todd M. C. Li, Registration No. 45,554 Susan M. Murray, Registration No. 38,252; all of INTERNATIONAL BUSINESS MACHINES Daryl K. Neff, Registration No. 38,253; CORPORATION: Eric W. Petraske, Registration No. 28,459; John E. Hoel, Registration No. 26,279 William P. Skladony, Registration No. 33,787; Christoper A. Hughes, Registration No. 26,914 H. Daniel Schnurmann, Registration No. 35,791; Edward A. Pennington, Registration No. 32,588 Tiffany L. Townsend, Registration No. 43,199; Joseph C. Redmond, Jr., Registration No. 18,753 Margaret A. Pepper, Registration No. 45,008 all of MORGAN & FINNEGAN, L.L.P. Send Correspondence to: Jay H. Anderson IBM Corporation - Zip 482 2070 Route 52 12 Hopewell Junction, NY 12533 Direct Telephone Calls to: (name and telephone number) Jay H. Anderson, Reg, No. 38,371, (845)894-3667 N (I) Full name of sole or first inventor O Timothy J. Dalton Sole or first prientor's signature Date Residence 72 Sarah Bishop Road, Ridgefield, CT 06877 Citizenship USA N Post Office Address 72 Sarah Bishop Road, Ridgefield, CT 06877 Full name of second inventor, if any Minakshisundaran B. Anand Second inventor's signature Date 19264 Circle Gate Dr. #102, Germantown, MD 20874 Citizenship India Post Office Address 19264 Circle Gate Dr. #102, Germantown, MD 20874

Full name of third inventor, if any Michael D. Armac st	Date
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Citizenship USA	
Post Office Address 6577 Springpath Lane, San Jose, CA 95120	
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Shyng-Tsong Chen Fourth inventor's signature	Date
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Citizenship USA	
Post Office Address 111 Cornwall Meadows, Patterson, NY 12563	
Full name of fifth Inventor, if any Stephen M. Gates	
Fifth inventor's signature	Date 12 /10 / 0 /
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Citizenship USA	
Post Office Address 22 Inningwood Road, Ossining, NY 10562	
Full name of sixth inventor, if any Stephen E. Greco	
Sixth inventor's signature	Date / 2 -/3 -0/
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Citizenship USA	
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Seventh inventor's signature	Date
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Citizenship USA	
Post Office Address 152 Monitor Street, Apt. 3L, Brooklyn, NY 11222	
Full name of eighth inventor, if	
Satyanarayana V. Nitta	
Elghth inventor signature	/2/11/0/
Residence 118 Roosevelt Drive, Poughquag, NY 12570	
Citizenship India	
Post Office Address 118 Roosevelt Drive, Poughquag, NY 12570	
Full name of ninth inventor, if any	
Ninth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of tenth inventor, if any	
Tenth inventor's signature	Date
Residence	
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Post Office Address	and the state of t

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th	e specification of which				
(c	heck one)				
#### #	is attached hereto.				
w U o	was filed on	as United States Application No. or PCT International			International
W M	Application Number				
	and was amended on _				
		(if a	applicable)		
		eviewed and understand the ended by any amendment ref		dentified	specification,
⊒ kn		disclose to the United States al to patentability as define			
Se ar lis in	I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.				
Pr	ior Foreign Application(s)	·		Priority	Not Claimed
(N	umber)	(Country)	(Day/Month/Year Filed)		
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		(000)	(20)		
(N	umber)	(Country)	(Day/Month/Year Filed)		

(Application Serial No.)	(Filing Date)	
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,	ach of the claims of this ap	oplication is not disclosed in the prior
United States or PCT International U.S.C. Section 112, I acknowledge Office all information known to me	ach of the claims of this ap application in the manner the duty to disclose to the to be material to patental the between the filing date of	oplication is not disclosed in the prior provided by the first paragraph of 35 United States Patent and Trademark bility as defined in Title 37, C. F. R.,
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all of MORGAN & FINNEGAN, L.L.P.

Send Correspondence to: Jay H. Anderson

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Jay H. Anderson, Reg, No. 38,371, (845)894-3667

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	Sole or first inventor's signature
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	Citizenship USA
	Post Office Address 72 Sarah Bishop Road, Ridgefield, CT 06877
-	

Second inventor's signature	Date
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Residence 19264 Circle Gate Dr. #102, Germantown, MD 20874	
Citizenship India	
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Date

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Citizenship USA	
Post Office Address 6577 Springpath Lane, San Jose, CA 95120	
Full name of fourth inventor, if any Shyng-Tsong Chen	
Fourth inventor's signature	Date
Residence	
Citizenship USA	
Post Office Address 111 Cornwall Meadows, Patterson, NY 12563	
Full name of fifth inventor, if any Stephen M. Gates	1 4 - 1 - 1
ifth inventor's signature	Date
Residence 22 Inningwood Road, Ossining, NY 10562	
Citizenship JSA	
Post Office Address 22 Inningwood Road, Ossining, NY 10562	
full name of sixth inventor, if any stephen E. Greco	
sixth inventor's signature	Date
desidence 7 Harden Drive, LaGrangeville, NY 12540	
itizenship JSA	
ost Office Address 7 Harden Drive, LaGrangeville, NY 12540	

Seventh inventor's signature	Date
Residence 152 Monitor Street, Apt. 3L, Brooklyn, NY 11222	
Citizenship	
JSA	
Post Office Address 152 Monitor Street, Apt. 3L, Brooklyn, NY 11222	
Full name of eighth inventor, if Satyanarayana V. Nitta	
Eighth inventor's signature	Date
Residence 118 Roosevelt Drive, Poughquag, NY 12570	
Citizenship	
ndia	
Post Office Address 18 Roosevelt Drive, Poughquag, NY 12570	
	<u></u>
full name of ninth inventor, if any	
linth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of tenth inventor, if any	
Fenth inventor's signature	Date
Residence	
Ditizenship	
Post Office Address	

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	FINE-PITCH DEVICE LITHOGRAPHT USING A SACRIFICIAL HARDMASK					
	the	specification of which				
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	(IVU	mber)	(Country)	(Day/Month/ real Filed)		
-	(Nu	mber)	(Country)	(Day/Month/Year Filed)		

	I hereby claim the benefit under application(s) listed below:	35 U.S.C. Section 119(e) of any United States provisional
	(Application Serial No.)	(Filing Date)	
	(Application Serial No.)	(Filing Date)	
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	I hereby claim the benefit under 35 Section 365(c) of any PCT Internation insofar as the subject matter of each United States or PCT International at U.S.C. Section 112, I acknowledge Office all information known to me Section 1.56 which became available or PCT International filing date of this	onal application designating the of the claims of this apparentation in the manner pathe duty to disclose to the to be material to patentable between the filing date of	the United States, listed below and, olication is not disclosed in the prior provided by the first paragraph of 35 United States Patent and Trademark allity as defined in Title 37, C. F. R.,
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Full name of Timothy J.	sole or first inventor Dalton	
	nventor's signature	Date
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Second inventor's signature	Date
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Citizenship India	
Post Office Address 19264 Circle Gate Dr. #102, Germantown, MD 20874	

W N O

Full name of third inventor, if any Michael D. Armacost	
Third inventor's signature D. Arrescry	1/9/d/2
Residence 6577 Springpath Lane, San Jose, CA 95120	//'
Citizenship USA	
Post Office Address 6577 Springpath Lane, San Jose, CA 95120	
Full name of fourth inventor, if any	
Shyng-Tsong Chen	
Fourth inventor's signature	Date
Residence 111 Cornwall Meadows, Patterson, NY 12563	
Citizenship USA	
Post Office Address 111 Cornwall Meadows, Patterson, NY 12563	
Full name of fifth inventor, if any Stephen M. Gates	
Fifth inventor's signature	Date
Residence 22 Inningwood Road, Ossining, NY 10562	
Citizenship USA	
Post Office Address 22 Inningwood Road, Ossining, NY 10562	
Full name of sixth inventor, if any Stephen E. Greco	
Sixth inventor's signature	Date
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Citizenship USA	
Post Office Address 77 Harden Drive, LaGrangeville, NY 12540	

Simon M. Karecki (deceased), by Anna Karecki (administratrix) Seventh inventor's signature	Date
//	
Residence .52 Monitor Street, Apt. 3L, Brooklyn, NY 11222	
Ditizenship USA	
Post Office Address 152 Monitor Street, Apt. 3L, Brooklyn, NY 11222	
Full name of eighth inventor, if Satyanarayana V. Nitta	
Eighth inventor's signature	Date
Residence 118 Roosevelt Drive, Poughquag, NY 12570	
Citizenship I ndia	
Post Office Address 118 Roosevelt Drive, Poughquag, NY 12570	
Full name of ninth inventor, if any	
Ninth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
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Tenth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Docket No. FIS9-2001-0168US1

Declaration and Power of Attorney For Patent Application

English Language Declaration

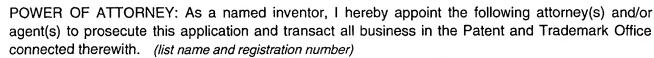
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	the	specification of which					
	(ch	eck one)					
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				(if appl	icable)		
		ereby state that I have re luding the claims, as ame				dentified	specification,
I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Registration 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 3 any PCT International application which designated at least one country other than the United listed below and have also identified below, by checking the box, any foreign application for prinventor's certificate or PCT International application having a filing date before that of the apon which priority is claimed.							
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Full name of sole or first inventor	
Timothy J. Dalton	
Sole or first inventor's signature	Date
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72 Sarah Bishop Road, Ridgefield, CT 06877	
Citizenship	
USA	
Post Office Address	
72 Sarah Bishop Road, Ridgefield, CT 06877	

Full name of second inventor, if any Minakshisundaran B. Anand	
Second inventor's signature	Date
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Full name of fourth inventor, if any Shyng-Tsong Chen	
Fourth inventor's signature	Date 12/09/200/
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Full name of fifth inventor, if any Stephen M. Gates Fifth inventor's signature	Date
Fifth inventor's signature M. Residence	12/10/01
22 Inningwood Road, Ossining, NY 10562 Citizenship	
Post Office Address 22 Inningwood Road, Ossining, NY 10562	
Full name of sixth inventor, if any Stephen E. Greco	
Sixth inventor's signature	Date 12 -13 -0/
Residence 77 Harden Drive, LaGrangeville, NY 12540	
Citizenship USA	
Post Office Address 77 Harden Drive, LaGrangeville, NY 12540	

Seventh inventor's signature	Date
Residence	
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Ninth inventor's signature	Date
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Tenth inventor's signature	Date
Residence	
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Docket No. FIS9-2001-0168US1

Declaration and Power of Attorney For Patent Application English Language Declaration

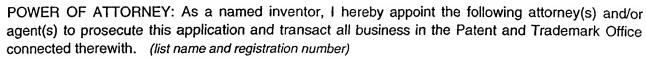
As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

the	e specification of which						
(ch	neck one)						
	is attached hereto.						
	was filed on	as Unit	ed States Application No	o. or PCT International			
U	Application Number	ber					
Sant Sant	and was amended on _	and was amended on					
I		ì	f applicable)				
_lh ∐inc	ereby state that I have re luding the claims, as am	eviewed and understand the ended by any amendment i	e contents of the above referred to above.	identified specification,			
□kn							
Se ang list inv	I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.						
Pri	or Foreign Application(s)		Priority Not Claimed				
(Nu	ımber)	(Country)	(Day/Month/Year Filed)	_			
		10	(D - (M4) (M Fil - 4)	. 🗆			
(Nu	mber)	(Country)	(Day/Month/Year Filed)				
(Nu	mber)	(Country)	(Day/Month/Year Filed)				

•	I hereby claim the benefit under application(s) listed below:	35 U.S.C. Section 119(e	e) of any United States provisional
	(Application Serial No.)	(Filing Date)	
	(Application Serial No.)	(Filing Date)	
	(Application Serial No.)	(Filing Date)	•
3 U U U U U U U	I hereby claim the benefit under 35 Section 365(c) of any PCT Internation insofar as the subject matter of each United States or PCT International at U.S.C. Section 112, I acknowledge to Office all information known to measure Section 1.56 which became available or PCT International filing date of this	nal application designating h of the claims of this appropriation in the manner pathe duty to disclose to the tobe material to patentable between the filing date of	the United States, listed below and, plication is not disclosed in the prior provided by the first paragraph of 35 United States Patent and Trademark lility as defined in Title 37, C. F. R.,
	(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
	(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
7	(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)



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